

Storm Analysis

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the <u>National Hurricane Center</u> (NHC) issues a new Tropical Storm Warning for the U.S. Coastline.

As of 11/10/2009 10:00 CST, water levels from New Canal Station, LA to Clearwater, FL remain elevated and range mostly between 1.4 to 3.0 ft above predicted. Barometric pressure started to rise across the region. Wind speeds are decreasing. However wind gusts are up to 28-33 knots at Pilots Station East, LA, Shell Beach, LA and Dauphin Island, Al.

Water Level and Meteorological plots available below are updated automatically.

Tropical Depression IDA QuickLook, POSTED 10:00 CST 11/10/2009

For additional data, please see the <u>Center for Operational Oceanographic Products & Services website</u>. For more information or archived products and reports, please see the <u>Storm QuickLook</u> Homepage.

Analyst: KG

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: New Canal Station - Water Level, New Canal Station - Winds, New Canal Station - Barometric, Pilots Station

East, SW Pass - Water Level, Pilots Station East, SW Pass - Winds, Pilots Station East, SW Pass - Barometric, Pilots

Station East, SW Pass - Air/Water Temp, Shell Beach - Water Level, Shell Beach - Winds, Shell Beach - Barometric,

Shell Beach - Air/Water Temp, Bay Waveland Yacht Club - Water Level, Bay Waveland Yacht Club - Winds, Bay

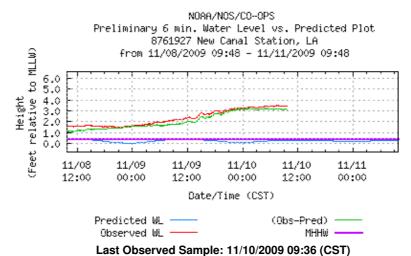
Waveland Yacht Club - Barometric, Bay Waveland Yacht Club - Air/Water Temp, Dock E, Port of Pascagoula - Water

Level, Dauphin Island - Water Level, Dauphin Island - Winds, Dauphin Island - Barometric, Mobile State Docks - Water

Level, Pensacola - Water Level, Pensacola - Winds, Pensacola - Barometric, Panama City - Water Level, Panama City - Winds, Panama City - Barometric, Apalachicola - Water Level, Apalachicola - Winds, Apalachicola - Barometric,

Clearwater Beach - Water Level, Clearwater Beach - Winds, Clearwater Beach - Barometric, Clearwater Beach
Air/Water Temp,

New Canal Station, LA - Return to List

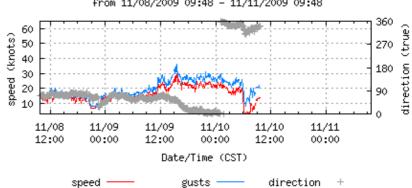


Relative to MLLW: Observed: 3.43 ft. Predicted: 0.32 ft. Residual: 3.11 ft.

Historical Maximum Water Level: 09/13/2008, 4.98 ft. above MHHW

New Canal Station, LA - Return to List

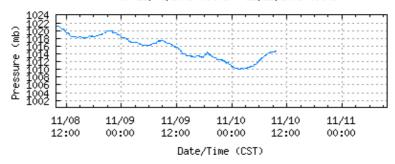
NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8761927 New Canal Station, LA from 11/08/2009 09:48 - 11/11/2009 09:48



Last Observed Sample: 11/10/2009 09:36 (CST)
Wind Speed: 14 knots Gusts: 20 knots Direction: 341° T

New Canal Station, LA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8761927 New Canal Station, LA from 11/08/2009 09:48 - 11/11/2009 09:48



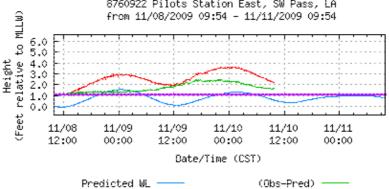
barometric pressure

Last Observed Sample: 11/10/2009 09:36 (CST)

Barometric Pressure: 1014.7 mb

Pilots Station East, SW Pass, LA - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8760922 Pilots Station East, SW Pass, LA from 11/08/2009 09:54 - 11/11/2009 09:54



Observed WL MHHW

Last Observed Sample: 11/10/2009 09:42 (CST) Relative to MLLW: Observed: 2.23 ft. Predicted: 0.59 ft. Residual: 1.64 ft.

Historical Maximum Water Level: 08/29/2005, 6.24 ft. above MHHW

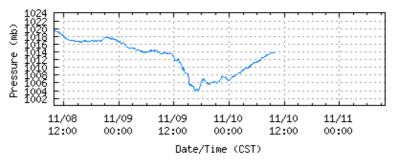
Pilots Station East, SW Pass, LA - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8760922 Pilots Station East, SW Pass, LA from 11/08/2009 09:54 - 11/11/2009 09:54 360 60 (true) speed (knots) 50 270 40 direction 180 30 20 90 11/09 11/08 11/09 11/10 11/10 11/11 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (CST) direction speed gusts -

Last Observed Sample: 11/10/2009 09:42 (CST)
Wind Speed: 26 knots Gusts: 30 knots Direction: 331° T

Pilots Station East, SW Pass, LA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8760922 Pilots Station East, SW Pass, LA from 11/08/2009 09:54 - 11/11/2009 09:54

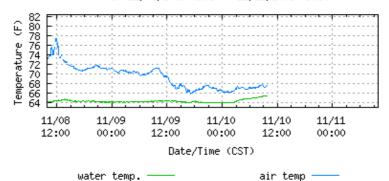


barometric pressure ——
Last Observed Sample: 11/10/2009 09:42 (CST)

Barometric Pressure: 1013.8 mb

Pilots Station East, SW Pass, LA - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8760922 Pilots Station East, SW Pass, LA from 11/08/2009 09:54 - 11/11/2009 09:54

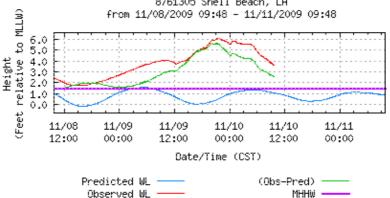


Last Observed Sample: 11/10/2009 09:42 (CST)

Water Temperature: 65.3° F Air Temperature: 67.5° F

Shell Beach, LA - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8761305 Shell Beach, LA



Last Observed Sample: 11/10/2009 09:36 (CST)

Relative to MLLW: Observed: 3.65 ft. Predicted: 1.07 ft. Residual: 2.58 ft.

Historical Maximum Water Level: n/a

Shell Beach, LA - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8761305 Shell Beach, LA from 11/08/2009 09:48 - 11/11/2009 09:48 360 60 speed (knots) 50 270 40 direction 180 30 20 90 11/08 11/09 11/10 11/11 11/09 11/10 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (CST)

Last Observed Sample: 11/10/2009 09:36 (CST)

speed -

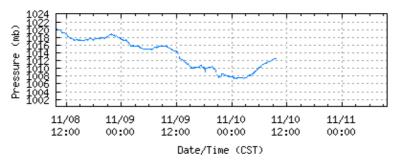
gusts —

direction

Wind Speed: 22 knots Gusts: 26 knots Direction: 324° T

Shell Beach, LA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8761305 Shell Beach, LA from 11/08/2009 09:48 - 11/11/2009 09:48



barometric pressure ----

Last Observed Sample: 11/10/2009 09:36 (CST)

Barometric Pressure: 1012.4 mb

Shell Beach, LA - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8761305 Shell Beach, LA from 11/08/2009 09:48 - 11/11/2009 09:48



Last Observed Sample: 11/10/2009 09:36 (CST)
Water Temperature: 66.7° F Air Temperature: 67.5° F

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8747437 Bay Waveland Yacht Club, MS (Feet relative to MLLW) from 11/08/2009 09:48 - 11/11/2009 09:48 6.0 5.0 4.0 3.0 2.0 1.0 Height 11/08 11/09 11/09 11/10 11/10 11/11 12:00 00:00 12:00 12:00 00:00 00:00 Date/Time (CST) Predicted WL (Obs-Pred)

Last Observed Sample: 11/10/2009 09:36 (CST)

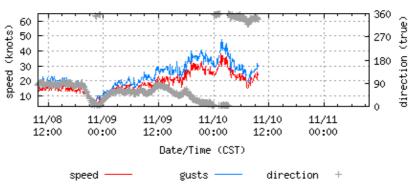
MHHW

Observed WL

Relative to MLLW: Observed: 2.10 ft. Predicted: 1.02 ft. Residual: 1.08 ft. Historical Maximum Water Level: 10/28/1985, 5.05 ft. above MHHW

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8747437 Bay Waveland Yacht Club, MS from 11/08/2009 09:48 - 11/11/2009 09:48

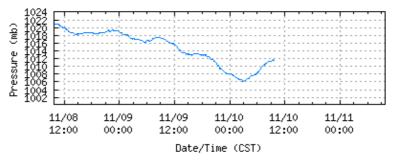


Last Observed Sample: 11/10/2009 09:36 (CST)

Wind Speed: 24 knots Gusts: 30 knots Direction: 336° T

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8747437 Bay Waveland Yacht Club, MS from 11/08/2009 09:48 - 11/11/2009 09:48



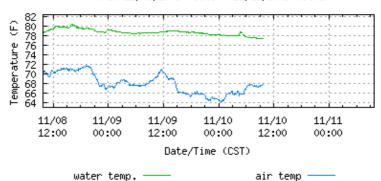
barometric pressure ——

Last Observed Sample: 11/10/2009 09:36 (CST)

Barometric Pressure: 1011.6 mb

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8747437 Bay Waveland Yacht Club, MS from 11/08/2009 09:48 - 11/11/2009 09:48

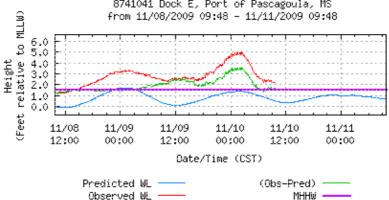


Last Observed Sample: 11/10/2009 09:36 (CST)

Water Temperature: 77.5° F Air Temperature: 67.8° F

Dock E, Port of Pascagoula, MS - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8741041 Dock E, Port of Pascagoula, MS from 11/08/2009 09:48 - 11/11/2009 09:48

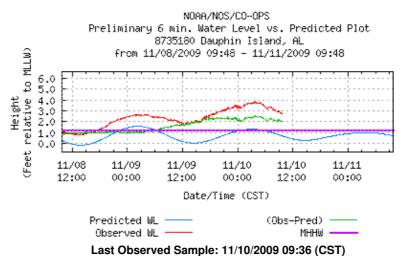


Last Observed Sample: 11/10/2009 09:36 (CST)

Relative to MLLW: Observed: 2.21 ft. Predicted: 0.52 ft. Residual: 1.69 ft.

Historical Maximum Water Level: n/a

Dauphin Island, AL - Return to List



Relative to MLLW: Observed: 2.75 ft. Predicted: 0.72 ft. Residual: 2.03 ft. Historical Maximum Water Level: 09/02/1985, 3.36 ft. above MHHW

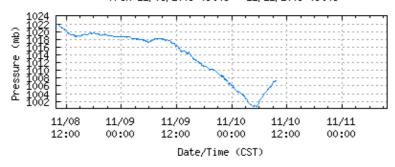
Dauphin Island, AL - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8735180 Dauphin Island, AL from 11/08/2009 09:48 - 11/11/2009 09:48 60 (true) speed (knots) 50 40 direction 180 30 20 10 11/09 11/09 11/10 11/11 11/08 11/10 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (CST) gusts direction

Last Observed Sample: 11/10/2009 09:36 (CST)
Wind Speed: 27 knots Gusts: 31 knots Direction: 335° T

Dauphin Island, AL - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8735180 Dauphin Island, AL from 11/08/2009 09:48 - 11/11/2009 09:48



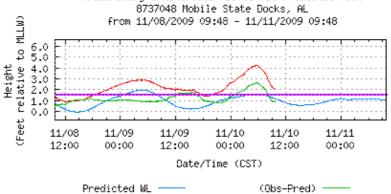
barometric pressure ——

Last Observed Sample: 11/10/2009 09:36 (CST)

Barometric Pressure: 1007.4 mb

Mobile State Docks, AL - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8737048 Mobile State Docks, AL
from 11/08/2009 09:48 - 11/11/2009 09:48



Last Observed Sample: 11/10/2009 09:36 (CST)

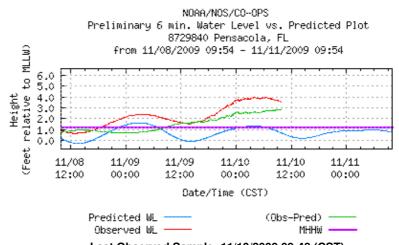
MHHW

Observed WL

Relative to MLLW: Observed: 2.06 ft. Predicted: 1.20 ft. Residual: 0.86 ft.

Historical Maximum Water Level: 09/26/2002, 3.67 ft. above MHHW

Pensacola, FL - Return to List



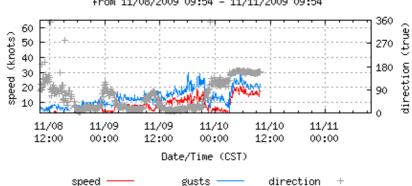
Last Observed Sample: 11/10/2009 09:48 (CST)

Relative to MLLW: Observed: 3.54 ft. Predicted: 0.71 ft. Residual: 2.83 ft.

Historical Maximum Water Level: 09/18/1926, 7.41 ft. above MHHW

Pensacola, FL - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8729840 Pensacola, FL from 11/08/2009 09:54 - 11/11/2009 09:54

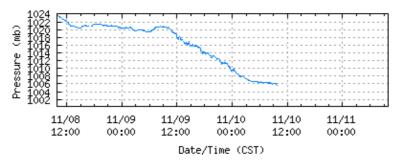


Last Observed Sample: 11/10/2009 09:48 (CST)

Wind Speed: 18 knots Gusts: 21 knots Direction: 158° T

Pensacola, FL - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8729840 Pensacola, FL from 11/08/2009 09:54 - 11/11/2009 09:54



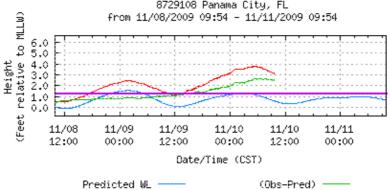
barometric pressure

Last Observed Sample: 11/10/2009 09:48 (CST)

Barometric Pressure: 1005.7 mb

Panama City, FL - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8729108 Panama City, FL from 11/08/2009 09:54 - 11/11/2009 09:54



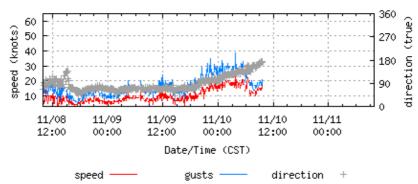
Observed WL MHHW Last Observed Sample: 11/10/2009 09:36 (CST)

Relative to MLLW: Observed: 3.11 ft. Predicted: 0.60 ft. Residual: 2.51 ft.

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above MHHW

Panama City, FL - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8729108 Panama City, FL from 11/08/2009 09:54 - 11/11/2009 09:54

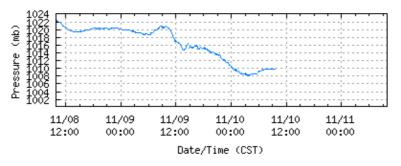


Last Observed Sample: 11/10/2009 09:36 (CST)

Wind Speed: 17 knots Gusts: 21 knots Direction: 175° T

Panama City, FL - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8729108 Panama City, FL from 11/08/2009 09:54 - 11/11/2009 09:54

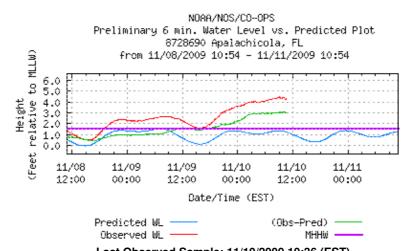


barometric pressure ---

Last Observed Sample: 11/10/2009 09:36 (CST)

Barometric Pressure: 1009.9 mb

Apalachicola, FL - Return to List



Last Observed Sample: 11/10/2009 10:36 (EST)

Relative to MLLW: Observed: 4.27 ft. Predicted: 1.24 ft. Residual: 3.03 ft.

Historical Maximum Water Level: 11/21/1985, 5.69 ft. above MHHW

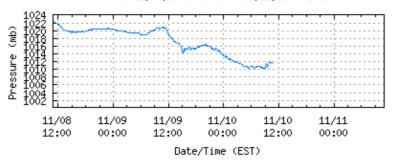
Apalachicola, FL - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8728690 Apalachicola, FL from 11/08/2009 10:54 - 11/11/2009 10:54 60 (true) speed (knots) 50 40 direction 180 30 20 10 11/09 11/08 11/09 11/10 11/11 11/10 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (EST) gusts direction

Last Observed Sample: 11/10/2009 10:36 (EST)
Wind Speed: 11 knots Gusts: 21 knots Direction: 129° T

Apalachicola, FL - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8728690 Apalachicola, FL from 11/08/2009 10:54 - 11/11/2009 10:54



barometric pressure ——

Last Observed Sample: 11/10/2009 10:36 (EST)

Barometric Pressure: 1011.6 mb

Clearwater Beach, FL - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8726724 Clearwater Beach, FL Height (Feet relative to MLLW) from 11/08/2009 10:48 - 11/11/2009 10:48 6.0 5.0 4.0 3.0 2.0 1.0 11/08 11/09 11/09 11/10 11/10 11/11 12:00 00:00 00:00 12:00 12:00 00:00

Predicted WL --- (Obs-Pred)
Observed WL --- MHHW

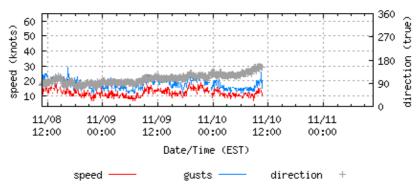
Last Observed Sample: 11/10/2009 10:36 (EST)

Relative to MLLW: Observed: 2.24 ft. Predicted: 0.85 ft. Residual: 1.39 ft. Historical Maximum Water Level: 03/13/1993, 4.05 ft. above MHHW

Date/Time (EST)

Clearwater Beach, FL - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8726724 Clearwater Beach, FL from 11/08/2009 10:48 - 11/11/2009 10:48

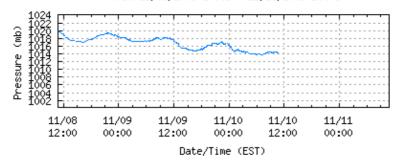


Last Observed Sample: 11/10/2009 10:36 (EST)

Wind Speed: 10 knots Gusts: 15 knots Direction: 152° T

Clearwater Beach, FL - Return to List

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8726724 Clearwater Beach, FL
from 11/08/2009 10:48 - 11/11/2009 10:48



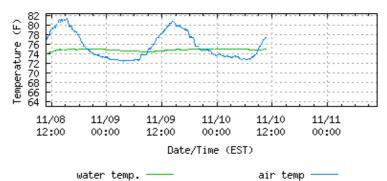
barometric pressure ---

Last Observed Sample: 11/10/2009 10:36 (EST)

Barometric Pressure: 1014.2 mb

Clearwater Beach, FL - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8726724 Clearwater Beach, FL from 11/08/2009 10:48 - 11/11/2009 10:48



Last Observed Sample: 11/10/2009 10:36 (EST)

Water Temperature: 75.0° F Air Temperature: 77.4° F
Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce